

EUROPEAN PATENT APPLICATION

Application number: 87108628.6

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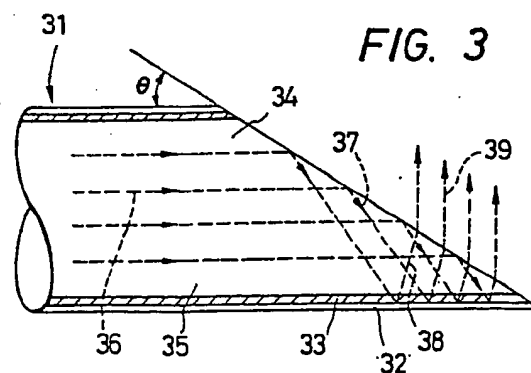
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Optical fiber device.

An optical fiber device (31) comprises a core (35) and a cladding (33), the core (35) being made of an optical material having a refractive index n_1 , and the cladding being made of an optical material having a refractive index n_2 , the end (34) of the optical fiber from which light radiates forming a plane that is inclined to the fiber axis by an angle θ , a light reflective layer being formed at least on the outer periphery of said radiating end, and the two refractive indices n_1 and n_2 satisfying the following relation (1):

$$n_1 - n_2 \geq 0.01 \quad (1).$$


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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	US-A-3 402 000 (N.H. CRAWFORD) * abstract; column 2, lines 38-48; column 3, lines 15-71; figures 1-3 *	1-5	G 02 B 6/06
Y	US-A-4 045 133 (C.R. CARLSON) * column 3, lines 23-39; figure 2 *	1-5	
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P,X	US-A-4 647 152 (R.V. JESKEY) * column 2, lines 19-35; column 4, lines 15-27; figures 3,6 *	1-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 23-02-1990	Examiner VON MOERS F
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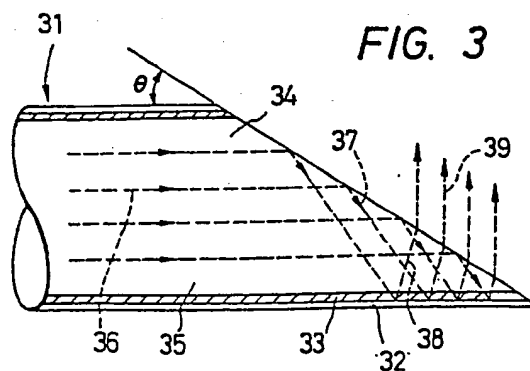
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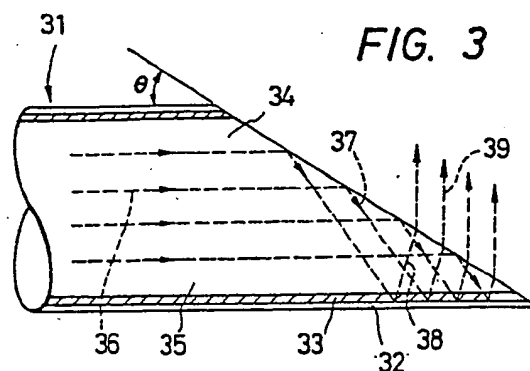
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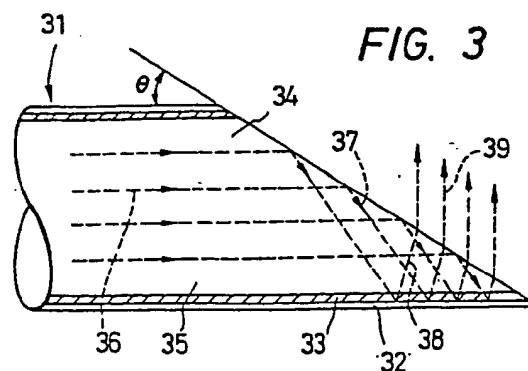
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